

## IEEE Bangalore Section Activities

Siddaganga Institute of Technology, Tumakuru

### IEEE SIT SB student participate in the IIT MADRAS FEST “SHAASTRA 2019”



IEEE SIT SB members participated and attended in SHAASTRA 2019, the national level technical fest organized by IIT Madras from Jan 3<sup>rd</sup> to 6<sup>th</sup>. The participants were selected based on the first round of the questions prepared by the IIT Madras team. After that there was an online test on TechGIG platform, based on which the participants were filtered. 13 students were finally selected from IEEE SIT SB. All of them attended events on Quantum computing, AI, ML and PCB Design. The participants gained much insight on the practical applications of the technology. It was a wonderful and marvelous experience for following student participants: Lalithashree V; Gowtham M P;

Gopinatha B M; Pranav; Kavana; Harshita S; Harshita B K; Teju. V; Zakir; Supreeth; Srinidhi; Shradha; Nikitha; Aakash; Amruth; and Manasa.

### Arduino Application Workshop for Maruthi Vidya Kendra, Belagumba.



IEEE SIT SB, organized an Arduino workshop for the students of MVK, Belagumba. As these students had an earlier exposure to Arduino, this workshop was held to improve their skills at the application level. Gowtham M P and Gopinatha B M headed the leads of the workshop session with the help of the volunteers and members. The projects explained to the students included: Automatic water pump; Radar; Smart street light; Automatic railway gate; Medi kit; Smart parking system; and Sun tracker. The student volunteers Harshita s, Harshita B K, Kala, Dinesh, Farazi, Shrada, Sneha, Nikita, Manasa k j, Vennala M V helped throughout the session.

### Photoshop Workshop

IEEE SIT conducted a Photoshop workshop on 6th February 2018. Event was guided by Pratik, Adithya Sahu, Supreeth and Srinidhi. At the beginning, all the 60 student participants were made to install Adobe Photoshop Applications on their laptops, and then introduced to the basics of the Photoshop and later were trained so that they could design a poster at the end of the workshop. As a part of this workshop, a challenge was given to the participants to come up with a poster of their own design.

### Arduino Application Workshop

IEEE SIT SB, organized an Arduino workshop for IEEE SIT SB members from 11th to 13th of March. Lalithashree V, Gowtham M P, Gopinatha B M, Harshita s, Harshita B K were the leads of the workshop session with the help of the volunteers and members. Students were taught from the scratch, including installation of IDE, basic knowledge of Arduino and was extended up to interfacing of sensors with Arduino and knowing its application in real-time scenario. Though it was planned as a two-day event, it was extended to three days to provide better training. At the end of the third day, a hackathon was conducted where two problem statements were given to solve within one hour. Based on the performance and problem-solving skills, winning team was given with the Node MCU module as prize.

## Latex Workshop



IEEE SIT SB conducted latex workshop on 30<sup>th</sup> March, as Latex is one of the basic required software for report making. Workshop was mentored by Mr. Mruthyunjaya, one of the alumni of our college. A total of 138 students participated in the workshop, these students were taught about the usage of the latex software right from the beginning.

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